


Product datasheet

Anti-PGP9.5 antibody ab104938

2 图像

概述

产品名称	Anti-PGP9.5抗体
描述	山羊多克隆抗体to PGP9.5
宿主	Goat
经测试应用	适用于: WB
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Horse, Guinea pig, Cow, Dog, Pig, Cynomolgus monkey 
免疫原	Synthetic peptide (C-QHENFRKKQIE) corresponding to internal sequence amino acids 58-68 of Human PGP9.5 (NP_004172.2). Run BLAST with Run BLAST with
阳性对照	Human Brain (Cerebellum and Hippocampus) and Rat Brain lysates

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab104938** in the following tested applications.

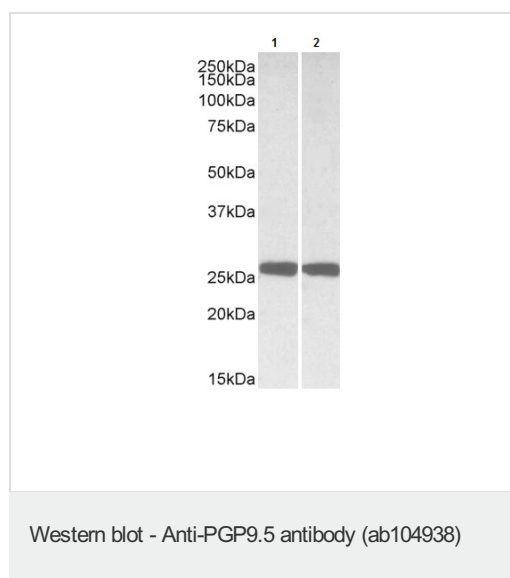
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 0.01 - 0.03 µg/ml. Predicted molecular weight: 25 kDa.

靶标

功能	Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity.
组织特异性	Found in neuronal cell bodies and processes throughout the neocortex (at protein level). Expressed in neurons and cells of the diffuse neuroendocrine system and their tumors. Weakly expressed in ovary. Down-regulated in brains from Parkinson disease and Alzheimer disease patients.
疾病相关	Parkinson disease 5 Neurodegeneration with optic atrophy, childhood-onset
序列相似性	Belongs to the peptidase C12 family.
翻译后修饰	O-glycosylated.
细胞定位	Cytoplasm. Endoplasmic reticulum membrane. About 30% of total UCHL1 is associated with membranes in brain.

图片



All lanes : Anti-PGP9.5 antibody (ab104938)
at 0.00999999977648258 µg/ml

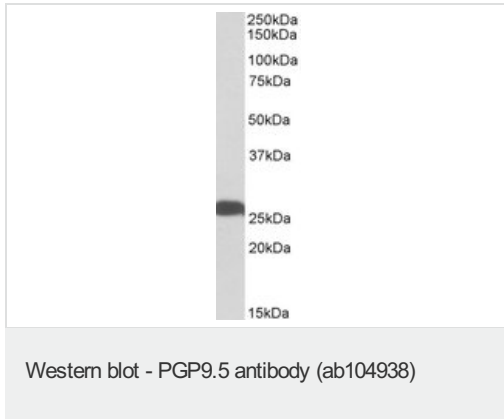
Lane 1 : Mouse Brain Lysates in RIPA buffer

Lane 2 : Rat Brain Lysates in RIPA buffer

Lysates/proteins at 35 µg per lane.

Developed using the ECL technique.

Predicted band size: 25 kDa



Anti-PGP9.5 antibody (ab104938) at 0.01 $\mu\text{g/ml}$ (for 1 hour) + Human Hippocampus lysate in RIPA buffer at 35 μg

Developed using the ECL technique.

Predicted band size: 25 kDa

Observed band size: ~26 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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